



		Time	Path	Path	Numbe		Estimated	May 200
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perso Killed	ons Injured	Damage Property Crops	Character of Storm
LAKE ERIE								
LEZ146 Avon Point to Willowick	Avon I 05 06	Point To Willow 2245EST 0015EST	ick Oh		0	0		Marine Tstm Wind (EG35)
LEZ149 Ripley Ny	Conne 05 06	aut Oh To Riple 2245EST 0015EST	y Ny		0	0		Marine Tstm Wind (EG35)
LEZ148 Geneva-On-The-Lake to Conneaut	Geneva 05 06	a On The Lake ( 2245EST 0015EST	Oh To Conne	aut Oh	0	0		Marine Tstm Wind (EG35)
LEZ166 Avon Point to Willowick	Le Avo 05 06	on Pt To Willow 2245EST 0015EST	ick Oh Byd 5	Nm Offshor	e To Intl Bo	order 0		Marine Tstm Wind (EG35)
LEZ169 Conneaut to Ripley Ny	Le Cor 05 06	nneaut Oh To Ri 2245EST 0015EST	ipley Ny Byd	5Nm Offsho	ore To Intl I 0	Border 0		Marine Tstm Wind (EG35)
LEZ168 Geneva-On-The-Lake to Conneaut	Le Ger 05 06	neva On The Lai 2245EST 0015EST	ke To Connea	ut Oh Byd	5Nm Offsho 0	ore To Int	tl Border	Marine Tstm Wind (EG35)
LEZ164 The Islands to Vermilion	Le The 05 06	e Islands To Ver 2245EST 0015EST	milion Oh By	d 5Nm Offs	shore To Int 0	l Border 0		Marine Tstm Wind (EG35)
LEZ165 Vermilion to Avon Point	Le Ver 05 06	rmilion To Avon 2245EST 0015EST	Pt Oh Byd 5	Nm Offshor	re To Intl Bo	order 0		Marine Tstm Wind (EG35)
LEZ167 Willowick to Geneva-On-The-Lake	Le Wil 05 06	llowick To Gene 2245EST 0015EST	va On The La	ike Oh Byd	5Nm Offsho 0	ore To In 0	tl Border	Marine Tstm Wind (EG35)
LEZ144 The Islands to Vermilion	The Isl 05 06	lands To Vermil 2245EST 0015EST	ion Oh		0	0		Marine Tstm Wind (EG35)
LEZ145 Vermilion to Avon Point	Vermi 05 06	lion To Avon Po 2245EST 0015EST	int Oh		0	0		Marine Tstm Wind (EG35)
LEZ147 Willowick to Geneva-On-The-Lake	05 06	vick To Geneva 2245EST 0015EST			0	0		Marine Tstm Wind (EG35)
	Scatter	red strong thunde	rstorms move	d quickly eas	st across Lak	e Erie and	d produced estimated	wind gusts greater than 35 knots.
LEZ146 Avon Point to Willowick	Avon I 09 10	Point To Willow 2230EST 0000EST	ick Oh		0	0		Marine Tstm Wind (EG35)
LEZ162 Maumee Bay to Reno Beach	Le Det 09 10	croit R Lt To Res 2230EST 0000EST	no Beach Oh	Byd 5Nm O	offshore To 1	Intl Bord	er	Marine Tstm Wind (EG35)
LEZ163 Reno Beach to The Islands	Le Rei 09 10	no Beach To The 2230EST 0000EST	Islands Oh I	Byd 5Nm Of	ffshore To I	ntl Borde 0	er	Marine Tstm Wind (EG35)
LEZ164 The Islands to Vermilion	Le The 09 10	e Islands To Ver 2230EST 0000EST	milion Oh By	d 5Nm Offs	shore To Int 0	l Border 0		Marine Tstm Wind (EG35)
LEZ165 Vermilion to Avon Point	Le Ver 09 10	rmilion To Avon 2230EST 0000EST	Pt Oh Byd 5	Nm Offshor	re To Intl Bo 0	order 0		Marine Tstm Wind (EG35)
LEZ167 Willowick to Geneva-On-The-Lake	Le Wil 09 10	llowick To Gene 2230EST 0000EST	va On The La	ike Oh Byd	5Nm Offsho 0	ore To In 0	tl Border	Marine Tstm Wind (EG35)





		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage	]	May 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
LAKE ERIE									
LEZ142 Maumee Bay to Reno Beach	Maum 09 10	ee Bay To Reno 2230EST 0000EST	Beach Oh		0	0		Marine Tstm Wind (	EG35)
LEZ143		Beach To The Isl	ands Oh						
Reno Beach to The Islands	09 10	2230EST 0000EST			0	0		Marine Tstm Wind (	EG35)
LEZ144 The Islands to Vermilion	The Isl 09 10	lands To Vermil 2230EST 0000EST	ion Oh		0	0		Marine Tstm Wind (	EG35)
LEZ145 Vermilion to Avon Point	Vermi 09 10	lion To Avon Po 2230EST 0000EST	int Oh		0	0		Marine Tstm Wind (	EG35)
LEZ147 Willowick to Geneva-On-The-Lake	Willow 09 10	vick To Geneva ( 2230EST 0000EST	On The Lake	Oh	0	0		Marine Tstm Wind (	EG35)
	Strong	thunderstorms m	oved east acr	oss Lake Eric	e and produc	ed estima	nted wind gusts in exce	ss of 35 knots.	
LEZ146 Avon Point to Willowick	Avon I	Point To Willowi 0420EST 0600EST	ick Oh		0	0		Marine Tstm Wind (	EG35)
LEZ166	Le Avo	on Pt To Willowi	ick Oh Byd 5	Nm Offshor	e To Intl Bo	rder			
Avon Point to Willowick	10	0420EST 0600EST			0	0		Marine Tstm Wind (	EG35)
LEZ162 Maumee Bay to Reno Beach	Le Det 10	roit R Lt To Rei 0420EST 0600EST	no Beach Oh	Byd 5Nm O	ffshore To I 0	ntl Bord 0	er	Marine Tstm Wind (	EG35)
LEZ163		no Beach To The	Islands Oh l	Byd 5Nm Of			er		7005
Reno Beach to The Islands	10	0420EST 0600EST			0	0		Marine Tstm Wind (	EG35)
LEZ164	Le The	e Islands To Veri 0420EST	milion Oh By	d 5Nm Offs	hore To Int	Border 0		Manina Tatus Wind (	EC25)
The Islands to Vermilion	10	0600EST			U	U		Marine Tstm Wind (	EG35)
LEZ165 Vermilion to Ayon Point	Le Ver 10	milion To Avon 0420EST 0600EST	Pt Oh Byd 5	Nm Offshor	e To Intl Bo 0	rder 0		Marine Tstm Wind (	EG35)
LEZ142	Maum	ee Bay To Reno	Beach Oh						
Maumee Bay to Reno Beach	10	0420EST 0600EST			0	0		Marine Tstm Wind (	EG35)
LEZ143	Reno I	Beach To The Isl	ands Oh		0	0		Marine Tstm Wind (	EC35)
Reno Beach to The Islands	10	0420EST 0600EST			U	U		warme 1sun wma (	EG35)
LEZ144 The Islands to Vermilion	The Isl 10	lands To Vermil 0420EST 0600EST	ion Oh		0	0		Marine Tstm Wind (	EG35)
LEZ145		lion To Avon Po	int Oh						
Vermilion to Avon Point	10	0420EST 0600EST			0	0		Marine Tstm Wind (	EG35)
	Scatter	red strong thunder	rstorms move	d east across	Lake Erie ar	nd produc	ced estimated wind gus	ts in excess of 35 knots.	
LEZ149	Conne	aut Oh To Riple	y Ny						
Ripley Ny	11	0500EST 0645EST	-		0	0		Marine Tstm Wind (	EG35)
LEZ148		a On The Lake (	Oh To Conne	aut Oh					
Geneva-On-The-Lake to Conneaut	11	0500EST 0645EST			0	0		Marine Tstm Wind (	EG35)



Crawford County Bucyrus

01

1815EST

Penny size hail was observed ten miles southwest of Bucyrus.

### National Weather Service Storm Data and Unusual Weather Phenomena



May 2003 Time Local/ Path Length Path Number of Estimated Width Persons Damage LAKE ERIE LEZ169 Le Conneaut Oh To Ripley Ny Byd 5Nm Offshore To Intl Border Conneaut to Ripley Ny Marine Tstm Wind (EG35) LEZ168 Le Geneva On The Lake To Conneaut Oh Byd 5Nm Offshore To Intl Border Geneva-On-The-Lake to 0500EST Marine Tstm Wind (EG35) Conneaut 0645EST Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border Willowick to Geneva-On-The-Lake Marine Tstm Wind (EG35) 0645EST Willowick To Geneva On The Lake Oh Willowick to 0500EST 0 Marine Tstm Wind (EG35) Geneva-On-The-Lake 0645EST A strong thunderstorm moved quickly northeast across Lake Erie and produced estimated wind gusts in excess of 35 knots. OHIO, North Sandusky County Clyde 2K Hail(0.88) Nickel size hail was observed four miles northwest of Clyde. **Huron County** Willard 0 01 1535EST 0 Hail(0.75) Penny size hail was observed. **Trumbull County** Mecca 1543EST 0 Hail(0.75) Penny size hail was observed. **Ashland County** 1545EST 01 0 0 Hail(0.75) Savannah Penny size hail was observed. **Medina County** Lodi Hail(0.75) Penny size hail was observed four miles east of Lodi near Westfield Center. **Marion County** 1610EST 01 0 Hail(0.75) Marion Penny size hail was observed. **Richland County** Plymouth 01 1620EST 0 Hail(0.75) Penny size hail was observed. **Crawford County** 1640EST 0  $\mathbf{0}$ Hail(0.75) **Bucyrus** Penny size hail was observed. **Summit County** Macedonia 1730EST Thunderstorm Wind (EG50) Thunderstorm winds downed several large tree limbs southwest of Macedonia **Marion County** 1803EST 0 Hail(0.88) Caledonia 01 0 2K Nickel size hail was observed.

0

Hail(0.75)





May 2003 Time Local/ Path Length Path Number of Estimated Width Persons Damage OHIO, North **Trumbull County** Cortland 01 1845EST 0 0 1K Thunderstorm Wind (EG50) Thunderstorm winds downed a large tree limb north of Cortland. **Trumbull County** Thunderstorm Wind (EG50) Kinsman 01 1845EST 1K Thunderstorm winds downed a large tree limb south of Kinsman. **Hancock County Findlay** 01 1950EST 0 2K Thunderstorm Wind (EG50) Thunderstorm winds downed a large tree. **Hancock County** 2002EST Thunderstorm Wind (EG50) Rawson 7K Thunderstorm winds downed several large tree limbs. **Cuyahoga County** Cleveland to Garfield Hgts 0010EST 0 06 0 15K Thunderstorm Wind (EG50) Thunderstorm winds downed trees in Cleveland and Garfield Heights. **Ashtabula County Munson Hill** 06 0026EST 0 0 Hail(0.88) Nickel size hail was observed. **Geauga County** Chardon 06 0034EST Hail(0.75) 0 Dime size hail was observed southeast of Chardon. **Ashtabula County** Saybrook Thunderstorm Wind (EG50) Thunderstorm winds downed several trees and large limbs in Saybrook Township. **Wyandot County** Nevada 07 1650EST 0 0 Hail(0.75) Penny size hail was observed. **Crawford County Bucyrus** 07 1700EST 15K Thunderstorm Wind (EG50) Thunderstorm winds destroyed a small building under construction. **Crawford County** Crestline 1725EST 07 0 0 Hail(0.75) Dime size hail was observed. **Richland County** Lexington 1735EST 5K Thunderstorm Wind (EG50) Thunderstorm winds downed two trees. **Crawford County** 1810EST 100K Flash Flood **Bucyrus** 07 Thunderstorms moved across Crawford County and dumped over two inches of rain on Bucyrus in a very short period of time. Widespread lowland and street flooding occurred. Many roads were closed with water up to two feet deep reported at some locations. A few homes and cars were damaged by the flood waters. **Richland County** 2026EST Hail(1.00) Lexington 07 0 3K Quarter size hail was observed. **Richland County** Bellville to 2040EST 30K Thunderstorm Wind (EG50) **Butler** Thunderstorm winds downed many trees in and around Bellville and Butler.



Twinsburg

0030EST

Penny size hail was observed.

# National Weather Service Storm Data and Unusual Weather Phenomena



May 2003 Time Local Path Length Number of Estimated Persons Width Damage OHIO, North **Knox County Danville** 07 2055EST 0 0 10K Thunderstorm Wind (EG50) Thunderstorm winds downed a few trees in northeastern Knox County near Greer. **Richland County** Countywide 07 2128EST 2330EST 1M Flash Flood Thunderstorms producing torrential rains moved across the southern half of Richland County and caused extensive damage. Seven and a quarter inches of rain fell in Butler with rainfall rates exceeding two and a half inches per hour. Around six inches of rain was measured in both Lexington and Bellville. Dozens of roads were washed out or closed because of flooding. The Clear Fork of the Mohican River left it's bank in several locations and forced the evacuation of many homes. Numerous mud slides were reported on steep terrain with many trees uprooted and washed away. Water up to six feet deep was reported on roads near Lexington. In Bellville, an automobile dealership parking lot was flooded by up to four feet of water causing extensive damage. The Butler area was the hardest hit with over 40 miles of roads washed out or damaged in the village and surrounding Worthington Township. Dozens of homes and automobiles were damaged by the flood waters. Damage to government property in Butler alone totaled more that \$50,000. **Holmes County** Glenmont 0 5K Thunderstorm Wind (EG50) Thunderstorm winds downed two trees near Glenmont. **OHZ017** Hancock 09 12 2300EST 0 0 100K Flood 0500EST Two inches of rain on May 9th pushed the Blanchard River at Findlay above flood stage (11.0 feet) around midnight on the 10th. The river crested at 13.17 feet at 8 a.m. on the 10th and fell back below flood stage during the early morning hours of the 12th. Around 15 streets had to be closed in Findlay because of flooding. Several homes and businesses along the river sustained minor flooding damage. **Wood County** 2331EST Hail(1.00) Weston 2K Quarter size hail was observed. **Cuyahoga County** 2354EST **Brooklyn** 09 0 0 Hail(0.75) Penny size hail was observed. **Geauga County** Burton Hail(0.75) Penny size hail was observed two miles northeast of Burton. **Cuyahoga County** Garfield Hgts to Warrensville Hgts 0 0004EST 0 10 Hail(0.75) Penny size hail was observed in Garfield Heights and Warrensville Heights. **Cuyahoga County** 0 5K **Parma** 10 0015EST Thunderstorm Wind (EG50) Thunderstorm winds downed one large tree. Seneca County Republic 10 0025EST 0 Hail(0.75) Penny size hail was observed two miles north of Republic. **Summit County** 

0

0

Hail(0.75)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed		Estimated Damage Property Crops	May 2	:003
OHIO, North									
Portage County Mantua	10 Penny	0048EST size hail was obs	erved.		0	0		Hail(0.75)	
Portage County Ravenna	10 Penny	0053EST size hail was obs	erved three m	niles south of	0 Ravenna.	0		Hail(0.75)	
Huron County Clarksfield	<b>10</b> Thund	0100EST erstorm winds do	owned two tre	es along State	0 e Route 18.	0	5K	Thunderstorm Wind (EG50	))
Trumbull County Warren	10 Penny	0102EST size hail was obs	erved.		0	0		Hail(0.75)	
Portage County Mantua	10 Penny	0111EST size hail was obs	erved.		0	0		Hail(0.75)	
Mahoning County Lake Milton	<b>10</b> Nickel	0120EST size hail was ob	served.		0	0	2K	Hail(0.88)	
Portage County Diamond	10 Penny	0130EST size hail was obs	served.		0	0		Hail(0.75)	
Mahoning County Lake Milton	10 Penny	0133EST size hail was obs	served.		0	0		Hail(0.75)	
Lucas County Midway	<b>10</b> Nickel	0153EST size hail was ob	served two mi	iles west of M	<b>0</b> Iidway	0	2K	Hail(0.88)	
Lucas County Toledo	10 Penny	0209EST size hail was obs	served.		0	0		Hail(0.75)	
Lucas County Toledo	10 Penny	0209EST size hail was obs	served.		0	0		Hail(0.75)	
Wood County Walbridge	10 Penny	0220EST size hail was obs	served in Lake	e Township n	<b>0</b> ear Walbridg	<b>0</b> ge.		Hail(0.75)	
Holmes County Berlin	10 Penny	0455EST size hail was obs	served.		0	0		Hail(0.75)	
Lorain County Elyria	10 Penny	0505EST size hail was obs	served.		0	0		Hail(0.75)	
Cuyahoga County North Royalton	<b>10</b> Quarte	0506EST or size hail was ol	oserved.		0	0	2K	Hail(1.00)	
Medina County Hinckley	10 Penny	0515EST size hail was obs	served.		0	0		Hail(0.75)	





		Time Local/	Path Length	Path Width	Numb Pers	er of	Estimated Damage	May 2003
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	S Character of Storm
OHIO, North								
Portage County								
Edinburg	10 Penny	0545EST size hail was obs	served.		0	0		Hail(0.75)
Summit County Peninsula	10 Penny	0545EST size hail was obs	served.		0	0		Hail(0.75)
Mahoning County Poland	10 Thund	0615EST derstorm winds do	owned three tr	ees.	0	0	5K	Thunderstorm Wind (EG50)
OHZ003-006>014- 017>023-027>033- 036>038-047	Medin		rtage - Trum		-	-	-	tabula - Hancock - Seneca - Huron - Wayne - Stark - Mahoning - Marion -
	11	1000EST 2000EST			0	0	1.2M	Strong Wind (MG45)
	scatter homes (Lucas Toledo	red power outages s in Erie, Knox, L s County), 30 tre o (Lucas County)	s across north ucas, Portage es and 238 la ); 54 mph at	ern Ohio. His and Seneca ( arge limbs we Findlay (Han	undreds of to Counties. More downed acock Coun	trees and under the many auto by the street ty); 51 m	atility poles were domobiles were also rong winds. Peak ph in downtown (	westerly winds behind this front cause owned. Fallen trees significantly damage damaged across the area. In Toledo alor measured wind gusts include: 52 mph Cleveland (Cuyahoga County); 47 mph Inton (Summit County).
Portage County Garrettsville	15 Penny	1705EST	ed five miles r	northeast of G	<b>0</b> arrettsville.	0		Hail(0.75)
Trumbull County West Farmington	15 Thund	1715EST derstorm winds do	owned two lar	ge trees. One	0 e of the trees	<b>0</b> s landed o	n a house and caus	Thunderstorm Wind (EG50) ed some roof damage.
<b>Holmes County</b>								
Millersburg	15 Penny	1720EST size hail was obs	served five mi	iles west of M	<b>0</b> Iillersburg.	0		Hail(0.75)
Wayne County Shreve	15 Thund	1735EST derstorm winds do	owned several	trees.	0	0		Thunderstorm Wind (EG50)
<b>Summit County</b>								
Hudson	15 Thund	1810EST lerstorm winds do	owned one tre	e and several	0 large limbs	0		Thunderstorm Wind (EG50)
Stark County Canton	15	1818EST	1		0	0		Hail(0.75)
Stouly Court	Penny	size hail was obs	serveu.					
Stark County Canton	15 Penny	1850EST size hail was obs	served.		0	0		Hail(0.75)
Stark County Canton	15	1916EST 2045EST			0	0	100K	Flash Flood

Thunderstorms dumped between two and three inches of rain on Canton in a short period of time. Widespread lowland and street flooding occurred. Water up to six feet deep was reported in downtown Canton with water up to four feet deep on U.S. Highway 30





		Time	Path	Path	Numb		Estin	nated		May 2003
		Local/	Length	Width	Pers	sons	Dan	nage		
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	

OHIO, North

and State Route 43. Several cars were stranded in the flood waters and a few buildings sustained minor damage.

**Summit County** 

PAZ001>003

Cuyahoga Falls 15 1930EST 0 0 100K Flash Flood 2030EST

Thunderstorms dumped two to three inches of rain on Cuyahoga Falls in a short period of time. Lowland and street flooding occurred with water as much as three feet deep on some roads. Several cars were stranded in the flood waters and a few buildings sustained minor damage.

#### PENNSYLVANIA, Northwest

PAZ001	Norther	rn Erie				
	05	1200EST 1400EST	0	0	75K	Strong Wind (MG41)
	High w	rinds caused some damage alon	g the south shore of	Lake Erie	A peak	wind gust of 47 mph was measured at Erie
	Internat lakesho		Erie were damaged by	fallen tree	s. Around	d a dozen power poles were toppled along the
<b>Crawford County</b>						
Cochranton	10	0110EST	0	0		Hail(0.75)
	Penny s	ize hail was observed.				
Erie County						
Waterford	10	0245EST	0	0	2K	Hail(1.00)
	Quarter	size hail was observed.				

Northern Erie - Southern Erie - Crawford

1000EST 2200EST

A strong cold front extending south from an area of low pressure over the northern Great Lakes moved into Northwest Pennsylvania during the afternoon hours. Strong and gusty westerly winds behind this front caused scattered power outages across northwestern Pennsylvania. Many trees and powers poles were downed. A peak measured wind gust of 44 mph was recorded at Erie (Erie County) with a 41 mph peak gust at Meadville (Crawford County).

100K

Strong Wind (MG38)